® LAPP GROUP

Telephone cables • Halogen-free installation and fire alarm cables









J-H(ST)H...BD

Halogen-free installation cable in accordance with DIN VDE 0815



· In accordance with DIN VDE 0815



J-H(ST)H...BD Fire Alarm Cable

Halogen-free installation cable in accordance with DIN VDE 0815 with red outer sheath

Brandmeldekabel J-H(ST)H ... BD BMK

Benefits

- Used to meet enhanced fire protection requirements concerning protection of people and high-value property
- Does not emit any toxic or corrosive gases in the event of fire and resists the spread of fire
- · Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic fields
- Decoupling of circuits by means of twisted-pair (TP) design (crosstalk effects)
- J-H(ST)H...BD Fire Alarm Cable is marked with the phrase "Fire alarm cable" at regular intervals on the sheath. It is therefore used especially for installation in fire alarm systems.

Application range

- This halogen-free, flame-retardant installation cable with static screen is used for telephone, data and signal transmission in subscriber stations and private branch exchange construction for telephone systems
- For fixed installation on and under plaster, in dry and damp rooms

Product features

- Flame-retardant according IEC 60332-1-2
- No flame-propagation according to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire
- Halogen-free according to EN 50267-2-1/-2

Norm references / Approvals

I-H(ST)H...BD

· In accordance with DIN VDE 0815 type I-H(ST)H...BD

J-H(ST)H...BD Fire Alarm Cable

• Based on DIN VDE 0815

Product Make-up

J-H(ST)H...BD

- · Solid bare copper conductor
- · Core insulation made of special halogenfree compound
- · Cores twisted into star quads, 5 star quads are twisted into a bundle, bundles stranded in layers
- · Foil wrapping, static screening made of aluminiumlaminated plastic film with copper drain
- Outer sheath made of special halogen-free compound

Outer sheath colour: grey (RAL 7001)

J-H(ST)H...BD Fire Alarm Cable

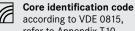
- · Solid bare copper conductor
- · Core insulation made of special halogenfree compound
- · Cores twisted into star guads. 5 star quads are twisted into a bundle, bundles stranded in layers
- Foil wrapping. static screening made of aluminiumlaminated plastic film with copper drain
- · Outer sheath made of special halogen-free compound

Outer sheath colour: flame red (RAL 3000)

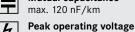
Technical data

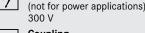


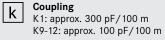
ETIM 5.0 Class-ID: EC000829 ETIM 5.0 Class-Description: Signal-/telecommunications cable



refer to Appendix T10 Mutual capacitance

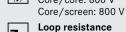


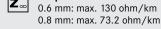


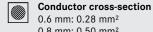












0.8 mm: 0.50 mm² Temperature range

Occasional flexing: -5°C to +50°C Fixed installation: -30°C to +70°C

Article number	Number of pairs and conductor diameter (mm)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
J-H(ST)HBD	<u>'</u>			
30017787	2 x 2 x 0,8	7	25	77
30017788	4 x 2 x 0,8	9.2	45	135
J-H(ST)HBD Fire	Alarm Cable			
30017798	2 x 2 x 0,8	7	25	77
30017801	10 v 2 v 0 8	11.3	106	250

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 100/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Photographs are not to scale and do not represent detailed images of the respective products.